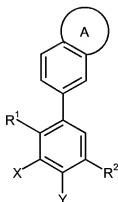


**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

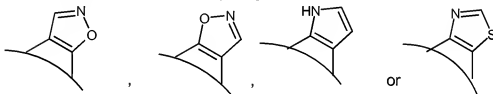
1. (previously presented). A compound of formula (I):



(I)

wherein

A is a fused 5-membered heteroaryl ring selected from:



which ring is optionally substituted by up to two substituents independently selected from  $C_{1-6}$ alkyl,  $-(CH_2)_m-C_{3-7}$ cycloalkyl, halogen, cyano, trifluoromethyl,  $-(CH_2)_mOR^3$ ,  $-(CH_2)_mCO_2R^3$ ,  $-(CH_2)_mNR^3R^4$ ,  $-(CH_2)_mCONR^3R^4$ ,  $-(CH_2)_mNHCOR^3$ ,  $-(CH_2)_mSO_2NR^3R^4$ ,  $-(CH_2)_mNHSO_2R^3$ ,  $-(CH_2)_mSO_2(CH_2)_nR^5$ , a 5- or 6-membered heterocyclyl ring containing nitrogen optionally substituted by  $C_{1-2}$ alkyl or  $-(CH_2)_mCO_2R^3$ , and a 5-membered heteroaryl ring optionally substituted by  $C_{1-2}$ alkyl;

$R^1$  is selected from methyl and chloro;

$R^2$  is selected from  $-NH-CO-R^6$  and  $-CO-NH-(CH_2)_q-R^7$ ;

R<sup>3</sup> is selected from hydrogen, C<sub>1-6</sub>alkyl optionally substituted by up to two OH groups, -(CH<sub>2</sub>)<sub>m</sub>-C<sub>3-7</sub>cycloalkyl, -(CH<sub>2</sub>)<sub>m</sub>phenyl optionally substituted by R<sup>8</sup> and/or R<sup>9</sup> and -(CH<sub>2</sub>)<sub>m</sub>heteroaryl optionally substituted by R<sup>8</sup> and/or R<sup>9</sup>;

R<sup>4</sup> is selected from hydrogen and C<sub>1-6</sub>alkyl, or

R<sup>3</sup> and R<sup>4</sup>, together with the nitrogen atom to which they are bound, form a 5- or 6-membered heterocyclic ring optionally containing one additional heteroatom selected from oxygen, sulfur and N-R<sup>10</sup>;

R<sup>5</sup> is selected from C<sub>1-6</sub>alkyl optionally substituted by up to three halogen atoms, C<sub>2-6</sub>alkenyl optionally substituted by phenyl, C<sub>3-7</sub>cycloalkyl, heteroaryl optionally substituted by up to three R<sup>8</sup> and/or R<sup>9</sup> groups, and phenyl optionally substituted by R<sup>8</sup> and/or R<sup>9</sup>;

R<sup>6</sup> is selected from hydrogen, C<sub>1-6</sub>alkyl, -(CH<sub>2</sub>)<sub>q</sub>-C<sub>3-7</sub>cycloalkyl, trifluoromethyl, -(CH<sub>2</sub>)<sub>r</sub>heteroaryl optionally substituted by R<sup>11</sup> and/or R<sup>12</sup>, and -(CH<sub>2</sub>)<sub>r</sub>phenyl optionally substituted by R<sup>11</sup> and/or R<sup>12</sup>;

R<sup>7</sup> is selected from hydrogen, C<sub>1-6</sub>alkyl, C<sub>3-7</sub>cycloalkyl, -CONHR<sup>13</sup>, phenyl optionally substituted by R<sup>11</sup> and/or R<sup>12</sup>, and heteroaryl optionally substituted by R<sup>11</sup> and/or R<sup>12</sup>;

R<sup>8</sup> and R<sup>9</sup> are each independently selected from halogen, cyano, trifluoromethyl, nitro, C<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkoxy, -CONR<sup>13</sup>R<sup>14</sup>, -COR<sup>15</sup>, -CO<sub>2</sub>R<sup>15</sup>, and heteroaryl, or

R<sup>8</sup> and R<sup>9</sup> are linked to form a fused 5-membered heterocyclyl ring containing one heteroatom selected from oxygen, sulphur and N-R<sup>10</sup>, or a fused heteroaryl ring;

R<sup>10</sup> is selected from hydrogen and methyl;

R<sup>11</sup> is selected from C<sub>1-6</sub>alkyl,

C<sub>1-6</sub>alkoxy, -(CH<sub>2</sub>)<sub>q</sub>-C<sub>3-7</sub>cycloalkyl, -CONR<sup>13</sup>R<sup>14</sup>, -NHCOR<sup>14</sup>, halogen, CN, -(CH<sub>2</sub>)<sub>s</sub>NR<sup>16</sup>R<sup>17</sup>, trifluoromethyl, phenyl optionally substituted by one or more R<sup>12</sup> groups, and heteroaryl optionally substituted by one or more R<sup>12</sup> groups;

R<sup>12</sup> is selected from C<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkoxy, halogen, trifluoromethyl, and -(CH<sub>2</sub>)<sub>s</sub>NR<sup>16</sup>R<sup>17</sup>;

R<sup>13</sup> and R<sup>14</sup> are each independently selected from hydrogen and C<sub>1-6</sub>alkyl, or

R<sup>13</sup> and R<sup>14</sup>, together with the nitrogen atom to which they are bound, form a 5- or 6-membered heterocyclic ring optionally containing one additional heteroatom selected from oxygen, sulfur and N-R<sup>10</sup>, wherein the ring may be substituted by up to two C<sub>1-6</sub>alkyl groups;

R<sup>15</sup> is C<sub>1-6</sub>alkyl;

R<sup>16</sup> is selected from hydrogen, C<sub>1-6</sub>alkyl and -(CH<sub>2</sub>)<sub>q</sub>-C<sub>3-7</sub>cycloalkyl optionally substituted by C<sub>1-6</sub>alkyl,

R<sup>17</sup> is selected from hydrogen and C<sub>1-6</sub>alkyl, or

R<sup>16</sup> and R<sup>17</sup>, together with the nitrogen atom to which they are bound, form a 5- or 6-membered heterocyclic ring optionally containing one additional heteroatom selected from oxygen, sulfur and N-R<sup>10</sup>;

X and Y are each independently selected from hydrogen, methyl and halogen;

m is selected from 0, 1, 2 and 3;

n is selected from 0, 1, 2 and 3;

q is selected from 0, 1 and 2;

r is selected from 0 and 1; and

s is selected from 0, 1, 2 and 3.

2 (Currently amended). A compound according to claim 1 wherein the A ring is optionally substituted by up to two substituents independently selected from C<sub>1-4</sub>alkyl, -(CH<sub>2</sub>)<sub>m</sub>-C<sub>3-7</sub>cycloalkyl, -(CH<sub>2</sub>)<sub>m</sub>CO<sub>2</sub>R<sup>3</sup>, -(CH<sub>2</sub>)<sub>m</sub>NR<sup>3</sup>R<sup>4</sup>, -(CH<sub>2</sub>)<sub>m</sub>CONR<sup>3</sup>R<sup>4</sup>, -(CH<sub>2</sub>)<sub>m</sub>NHCOR<sup>3</sup>, -(CH<sub>2</sub>)<sub>m</sub>SO<sub>2</sub>(CH<sub>2</sub>)<sub>n</sub>R<sup>5</sup>, and a 5- or 6-membered heterocyclyl ring containing nitrogen optionally substituted by C<sub>1-2</sub>alkyl or -(CH<sub>2</sub>)<sub>m</sub>CO<sub>2</sub>R<sup>3</sup>.

3 (previously presented). A compound according to claim 1 wherein R<sup>1</sup> is methyl.

4 (previously presented). A compound according to claim 1 wherein R<sup>2</sup> is -CO-NH-(CH<sub>2</sub>)<sub>q</sub>-R<sup>7</sup>.

5 (previously presented). A compound according to claim 1 wherein X is hydrogen or fluorine.

6 (previously presented). A compound according to claim 1 which is:

N-Cyclopropyl-4-methyl-3-(3-piperidin-4-yl-1,2-benzisoxazol-6-yl)benzamide;

4-Methyl-N-(3-morpholin-4-ylphenyl)-3-(3-piperidin-4-yl-1,2-benzisoxazol-6-yl)benzamide;

N-[4-Methyl-3-(3-piperidin-4-yl-1,2-benzisoxazol-6-yl)phenyl]-2-pyrrolidin-1-ylisonicotinamide;

N-[4-Methyl-3-(3-methyl-1,2-benzisoxazol-6-yl)phenyl]-2-pyrrolidin-1-ylisonicotinamide;

N-[4-Methyl-3-(3-methyl-1,2-benzisoxazol-6-yl)phenyl]thiophene-3-carboxamide;

N-[4-Methyl-3-(3-methyl-1,2-benzisoxazol-6-yl)phenyl]-3-furamide;

4-Methyl-3-(3-methyl-1,2-benzisoxazol-6-yl)-N-(3-morpholin-4-ylphenyl)benzamide;

4-Methyl-3-(3-methyl-1,2-benzisoxazol-6-yl)-N-(1,3-thiazol-2-yl)benzamide;

N-Cyclopropyl-4-methyl-3-(3-methyl-1,2-benzisoxazol-6-yl)benzamide;

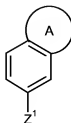
or a pharmaceutically acceptable salt thereof.

7 (previously presented). A pharmaceutical composition comprising a compound according to claim 1 in admixture with one or more pharmaceutically acceptable carriers, diluents or excipients.

8. - 9. (Cancelled)

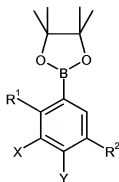
10 (previously presented). A process for preparing a compound of formula (I) according to claim 1 which comprises

(a) reacting a compound of formula (II)

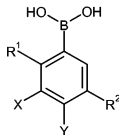


(II)

in which A is defined in claim 1 and Z<sup>1</sup> is halogen,  
with a compound of formula (IIIA) or (IIIB)



(IIIA)

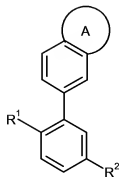


(IIIB)

in which R<sup>1</sup>, R<sup>2</sup>, X and Y are as defined in claim 1,  
in the presence of a catalyst, or

(b) final stage modification of one compound of formula (I) as defined in claim 1 to  
give another compound of formula (I) as defined in claim 1.

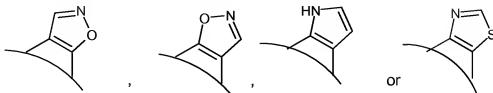
11 (previously presented). A compound of formula (IA):



(IA)

wherein

A is a fused 5-membered heteroaryl ring selected from:



which ring is optionally substituted by up to two substituents independently selected from  $C_{1-6}$ alkyl,  $-(CH_2)_m-C_{3-7}$ cycloalkyl, halogen, cyano, trifluoromethyl,  $-(CH_2)_mOR^3$ ,  $-(CH_2)_mNR^3R^4$ ,  $-(CH_2)_mCONR^3R^4$ ,  $-(CH_2)_mNHCOR^3$ ,  $-(CH_2)_mSO_2NR^3R^4$ ,  $-(CH_2)_mNHSO_2R^3$ ,  $-(CH_2)_mSO_2(CH_2)_nR^5$ , a 5- or 6-membered heterocyclyl ring containing nitrogen optionally substituted by  $C_{1-2}$ alkyl and a 5-membered heteroaryl ring optionally substituted by  $C_{1-2}$ alkyl;

$R^1$  is selected from methyl and chloro;

$R^2$  is selected from  $-NH-CO-R^6$  and  $-CO-NH-(CH_2)_q-R^7$ ;

$R^3$  is selected from hydrogen,  $C_{1-6}$ alkyl optionally substituted by up to two OH groups,  $-(CH_2)_m-C_{3-7}$ cycloalkyl,  $-(CH_2)_m$ phenyl optionally substituted by  $R^8$  and/or  $R^9$  and  $-(CH_2)_m$ heteroaryl optionally substituted by  $R^8$  and/or  $R^9$

$R^4$  is selected from hydrogen and  $C_{1-6}$ alkyl, or

$R^3$  and  $R^4$ , together with the nitrogen atom to which they are bound, form a 5- or 6-membered heterocyclic ring optionally containing one additional heteroatom selected from oxygen, sulfur and N- $R^{10}$ ;

$R^5$  is selected from  $C_{1-6}$ alkyl,  $C_{3-7}$ cycloalkyl, heteroaryl optionally substituted by  $R^8$  and/or  $R^9$ , and phenyl optionally substituted by  $R^8$  and/or  $R^9$ ;

$R^6$  is selected from hydrogen,  $C_{1-6}$ alkyl,  $-(CH_2)_q-C_{3-7}$ cycloalkyl, trifluoromethyl,  $-(CH_2)_n$ heteroaryl optionally substituted by  $R^{11}$  and/or  $R^{12}$ , and  $-(CH_2)_n$ phenyl optionally substituted by  $R^{11}$  and/or  $R^{12}$ ;

$R^7$  is selected from hydrogen,  $C_{1-6}$ alkyl,  $C_{3-7}$ cycloalkyl,  $CONHR^{13}$ , phenyl optionally substituted by  $R^{11}$  and/or  $R^{12}$ , and heteroaryl optionally substituted by  $R^{11}$  and/or  $R^{12}$ ;

$R^8$  and  $R^9$  are each independently selected from halogen, cyano, trifluoromethyl,  $C_{1-6}$ alkyl,  $C_{1-6}$ alkoxy,  $COR^{15}$ ,  $CO_2R^{15}$ , and heteroaryl, or

$R^8$  and  $R^9$  are linked to form a fused 5-membered heterocyclyl ring containing one heteroatom selected from oxygen, sulphur and N- $R^{10}$ ;

R<sup>10</sup> is selected from hydrogen and methyl;

R<sup>11</sup> is selected from C<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkoxy, -(CH<sub>2</sub>)<sub>q</sub>-C<sub>3-7</sub>cycloalkyl, -CONR<sup>13</sup>R<sup>14</sup>, -NHCOR<sup>14</sup>, halogen, CN, -(CH<sub>2</sub>)<sub>s</sub>NR<sup>16</sup>R<sup>17</sup>, trifluoromethyl, phenyl optionally substituted by one or more R<sup>12</sup> groups, and heteroaryl optionally substituted by one or more R<sup>12</sup> groups;

R<sup>12</sup> is selected from C<sub>1-6</sub>alkyl, C<sub>1-6</sub>alkoxy, halogen, trifluoromethyl, and -(CH<sub>2</sub>)<sub>s</sub>NR<sup>16</sup>R<sup>17</sup>;

R<sup>13</sup> and R<sup>14</sup> are each independently selected from hydrogen and C<sub>1-6</sub>alkyl, or

R<sup>13</sup> and R<sup>14</sup>, together with the nitrogen atom to which they are bound, form a 5- or 6-membered heterocyclic ring optionally containing one additional heteroatom selected from oxygen, sulfur and N-R<sup>10</sup>, wherein the ring may be substituted by up to two C<sub>1-6</sub>alkyl groups;

R<sup>15</sup> is C<sub>1-6</sub>alkyl;

R<sup>16</sup> is selected from hydrogen, C<sub>1-6</sub>alkyl and -(CH<sub>2</sub>)<sub>q</sub>-C<sub>3-7</sub>cycloalkyl optionally substituted by C<sub>1-6</sub>alkyl,

R<sup>17</sup> is selected from hydrogen and C<sub>1-6</sub>alkyl, or

R<sup>16</sup> and R<sup>17</sup>, together with the nitrogen atom to which they are bound, form a 5- or 6-membered heterocyclic ring optionally containing one additional heteroatom selected from oxygen, sulfur and N-R<sup>10</sup>;

m is selected from 0, 1, 2 and 3;

n is selected from 0, 1, 2 and 3;

q is selected from 0, 1 and 2;

r is selected from 0 and 1; and

s is selected from 0, 1, 2 and 3.

12 (Previously presented). A compound according to claim 1 which is:

N-[4-methyl-3-(3-piperidin-4-yl-1,2-benzisoxazol-6-yl)phenyl]-2-pyrrolidin-1-ylisonicotinamide; N-cyclopropyl-4-methyl-3-[3-(4-morpholinyl)-1,2-benzisoxazol-6-yl]benzamide;

N-cyclopropyl-4-methyl-3-{3-[2-oxo-2-(1,3-thiazol-2-ylamino)ethyl]-1,2-benzisoxazol-6-yl}benzamide;

N-cyclopropyl-4-methyl-3-[3-(4-morpholinylmethyl)-1,2-benzisoxazol-6-yl]benzamide;

N-cyclopropyl-4-methyl-3-[3-(1-pyrrolidinylmethyl)-1,2-benzisoxazol-6-yl]benzamide;

or a pharmaceutically acceptable salt thereof.

13. – 14. (cancelled)

15. (withdrawn). A compound according to claim 1 which is:

N-[4-Methyl-3-(3-methyl-1,2-benzisoxazol-5-yl)phenyl]-2-pyrrolidin-1-ylisonicotinamide;

N-Cyclopropyl-3-[3-({[2-hydroxy-1-(hydroxymethyl)ethyl]amino} methyl)-1,2-benzisoxazol-6-yl]-4-methylbenzamide;

N-(3-Methoxyphenyl)-4-methyl-3-(3-piperidin-4-yl-1,2-benzisoxazol-6-yl)benzamide;

4-Methyl-3-(3-piperidin-4-yl-1,2-benzisoxazol-6-yl)-N-(1,3,4-thiadiazol-2-yl)benzamide;

N-[4-Methyl-3-(3-piperidin-4-yl-1,2-benzisoxazol-6-yl)phenyl]thiophene-3-carboxamide;

N-[4-Methyl-3-(3-piperidin-4-yl-1,2-benzisoxazol-6-yl)phenyl]-3-furamide;

N-(Cyclopropylmethyl)-4-methyl-3-(3-piperidin-4-yl-1,2-benzisoxazol-6-yl)benzamide;

or a pharmaceutically acceptable salt thereof.

16. (cancelled)

17. (withdrawn) A compound according to Claim 1 which is

4-Methyl-3-(3-piperidin-4-yl-1,2-benzisoxazol-6-yl)-N-(1,3-thiazol-2-yl)benzamide;

N-Cyclopropyl-4-methyl-3-[3-(1-piperazinyl)-1,2-benzisoxazol-6-yl]benzamide;

N-Cyclopropyl-4-methyl-3-[3-(4-morpholinyl)-1,2-benzisoxazol-6-yl]benzamide;

N-Cyclopropyl-4-methyl-3-{3-[2-oxo-2-(1-piperazinyl)ethyl]-1,2-benzisoxazol-6-yl}benzamide;

Methyl (6-{5-[(cyclopropylamino)carbonyl]-2-methylphenyl}-1,2-benzisoxazol-3-yl)acetate;

N-Cyclopropyl-3-(3-{2-[(2-hydroxyethyl)amino]-2-oxoethyl}-1,2-benzisoxazol-6-yl)-4-methylbenzamide;

N-Cyclopropyl-4-methyl-3-{3-[2-oxo-2-(1-piperidinyl)ethyl]-1,2-benzisoxazol-6-yl}benzamide;

N-Cyclopropyl-4-methyl-3-{3-[2-(methylamino)-2-oxoethyl]-1,2-benzisoxazol-6-yl}benzamide;

N-Cyclopropyl-3-(3-{2-[(3-hydroxypropyl)amino]-2-oxoethyl}-1,2-benzisoxazol-6-yl)-4-methylbenzamide;



- N-Cyclopropyl-3-(3-{2-[(cyclopropylmethyl)amino]-2-oxoethyl}-1,2-benzisoxazol-6-yl)-4-methylbenzamide;
- N-Cyclopropyl-4-methyl-3-{3-[2-oxo-2-(1-pyrrolidinyl)ethyl]-1,2-benzisoxazol-6-yl}benzamide;
- N-Cyclopropyl-3-{3-[2-(ethylamino)-2-oxoethyl]-1,2-benzisoxazol-6-yl}-4-methylbenzamide;
- N-Cyclopropyl-3-{3-[2-(cyclopropylamino)-2-oxoethyl]-1,2-benzisoxazol-6-yl}-4-methylbenzamide;
- N-Cyclopropyl-4-methyl-3-{3-[2-(4-morpholinyl)-2-oxoethyl]-1,2-benzisoxazol-6-yl}benzamide;
- N-Cyclopropyl-4-methyl-3-{3-[2-({3-(methoxy)phenyl}methyl)amino]-2-oxoethyl]-1,2-benzisoxazol-6-yl}benzamide;
- N-Cyclopropyl-4-methyl-3-{3-[2-oxo-2-(1,3-thiazol-2-ylamino)ethyl]-1,2-benzisoxazol-6-yl}benzamide;
- N-Cyclopropyl-4-methyl-3-{3-[(4-methyl-1-piperazinyl)methyl]-1,2-benzisoxazol-6-yl}benzamide;
- N-Cyclopropyl-4-methyl-3-[3-(1-piperidinylmethyl)-1,2-benzisoxazol-6-yl]benzamide;
- N-Cyclopropyl-4-methyl-3-[3-(4-morpholinylmethyl)-1,2-benzisoxazol-6-yl]benzamide;
- N-Cyclopropyl-4-methyl-3-[3-(1-pyrrolidinylmethyl)-1,2-benzisoxazol-6-yl]benzamide;
- 3-(3-Amino-1,2-benzisoxazol-6-yl)-N-cyclopropyl-4-methylbenzamide;
- N-Cyclopropyl-3-[3-(cyclopropylamino)-1,2-benzisoxazol-6-yl]-5-fluoro-4-methylbenzamide;
- 6-{5-[(Cyclopropylamino)carbonyl]-3-fluoro-2-methylphenyl}-N-(cyclopropylmethyl)-1,2-benzisoxazole-3-carboxamide;
- 6-{5-[(Cyclopropylamino)carbonyl]-3-fluoro-2-methylphenyl}-N-propyl-1,2-benzisoxazole-3-carboxamide;
- 6-{5-[(Cyclopropylamino)carbonyl]-3-fluoro-2-methylphenyl}-N-methyl-1,2-benzisoxazole-3-carboxamide;
- 6-{5-[(Cyclopropylamino)carbonyl]-3-fluoro-2-methylphenyl}-N,N-dimethyl-1,2-benzisoxazole-3-carboxamide;
- N-Cyclopropyl-6-{5-[(cyclopropylamino)carbonyl]-3-fluoro-2-methylphenyl}-1,2-benzisoxazole-3-carboxamide;
- N-Cyclopropyl-3-fluoro-4-methyl-5-{1-[(4-methylphenyl)sulfonyl]-1H-indol-5-yl}benzamide;
- N-Cyclopropyl-3-fluoro-4-methyl-5-[1-(phenylsulfonyl)-1H-indol-5-yl]benzamide;

N-Cyclopropyl-3-{2-[(cyclopropylcarbonyl)amino]-1,3-benzothiazol-6-yl}-4-methylbenzamide; or a pharmaceutically acceptable salt thereof.

18. 19. (cancelled)

20. (Previously presented ) A pharmaceutical composition comprising a compound according to claim 6 in admixture with one or more pharmaceutically acceptable carriers, diluents or excipients.

21. (Previously presented) A pharmaceutical composition comprising a compound according to claim 12 in admixture with one or more pharmaceutically acceptable carriers, diluents or excipients.

22. (Previously presented) A pharmaceutical composition comprising a compound according to claim 15 in admixture with one or more pharmaceutically acceptable carriers, diluents or excipients.

23. (cancelled)

24. (Previously presented) A pharmaceutical composition comprising a compound according to claim 17 in admixture with one or more pharmaceutically acceptable carriers, diluents or excipients.

25. -26 (cancelled)